

Typical Physical & Mechanical Properties

English Units

| <u>Property (Units)</u> | <u>Test Method ASTM(Other)</u> | <u>Polyurethane</u> |
|------------------------------------|------------------------------------|---------------------|
| Density (lb/ft ³) | D 792 | 130 |
| Flexural Strength (k psi) | D 790 | >180 |
| Flexural Modulus (k psi) | D 790 | 6,900 |
| Flexural Strain (%) | D 790 | 3.0 |
| Charpy Impact (kJ/m ²) | (ISO 179) | >189 |
| Un-notched Beam Impact (ft-lb/in) | D 4812 | >76.8 |
| Short Beam Shear (k psi) | D 2344 | >9 |
| HDT (°C @ 264 psi) | D 648 | 240 |